

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21	73	align adj primitive	US-PGPUB; USPAT	AND	ON	2010/08/17 14:47
S22	46	align adj primitive period	US-PGPUB; USPAT	AND	ON	2010/08/17 14:56
S23	156	valid near2 primitive	US-PGPUB; USPAT	AND	ON	2010/08/17 15:14
S24	52	valid near2 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel))	US-PGPUB; USPAT	AND	ON	2010/08/17 15:16
S25	2	("2005/0146804").URPN.	USPAT	AND	ON	2010/08/17 15:18
S26	8	("20040100944"   "20040252672"   "20040252716"   "20050146804"   "20050240855"   "7320084"   "7523235"   "7526587").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/17 15:19
S27	34	valid near2 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) period	US-PGPUB; USPAT	AND	ON	2010/08/17 15:31
S28	18	("20010002901"   "20030074449"   "20030198189"   "20030237038"   "20040100944"   "20050036451"   "20060107089"   "6226269"   "6380873"   "6618815"   "6985983"   "7171525"   "7200108"   "7275103"   "7360119"   "7366958"   "7404013"   "7406652").PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/17 15:33
S29	41	valid near2 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 15:38

S30	6	verif\$7 near2 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 15:41
S31	7	verif\$7 near4 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 15:41
S32	8	verif\$7 near5 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 15:42
S33	19	check\$3 near3 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 15:42
S34	14	check\$3 near3 primitive ((Serial adj (ATA or Attached)) or (fibre adj channel)) synchroniz\$5 register	US-PGPUB; USPAT	AND	ON	2010/08/17 16:06
S35	24	("6502189").URPN.	USPAT	AND	ON	2010/08/17 16:10
S36	1	"7665011"	USPAT	AND	ON	2010/08/17 16:15
S37	5	align adj primitive near3 period	US-PGPUB; USPAT	AND	ON	2010/08/17 16:17
S38	7	align adj primitive near5 period	US-PGPUB; USPAT	AND	ON	2010/08/17 16:17
S39	10	align adj primitive near7 period	US-PGPUB; USPAT	AND	ON	2010/08/17 16:18
S40	6	align adj primitive near5 noise	US-PGPUB; USPAT	AND	ON	2010/08/17 16:22
S41	84	primitive near5 noise	US-PGPUB; USPAT	AND	ON	2010/08/17 16:23
S42	30	primitive near5 noise synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 16:23
S43	343	primitive synchroniz\$5 line adj2 rate	US-PGPUB; USPAT	AND	ON	2010/08/17 16:26
S44	9	primitive near3 synchroniz \$5 line adj2 rate	US-PGPUB; USPAT	AND	ON	2010/08/17 16:26
S45	9	primitive near3 synchroniz \$5 line near2 rate	US-PGPUB; USPAT	AND	ON	2010/08/17 16:27
S46	24310	(shift adj register) near4 clock\$2	US-PGPUB; USPAT	AND	ON	2010/08/17 17:21
S47	4	S21 S46	US-PGPUB; USPAT	AND	ON	2010/08/17 17:22

S48	129	S43 S46	US-PGPUB; USPAT	AND	ON	2010/08/17 17:22
S49	27829	((Serial adj (ATA or Attached)) or (fibre adj channel))	US-PGPUB; USPAT	AND	ON	2010/08/17 17:23
S50	6	S48 S49	US-PGPUB; USPAT	AND	ON	2010/08/17 17:23
S51	13047	primitive synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/17 17:24
S52	10	S46 S49 S51	US-PGPUB; USPAT	AND	ON	2010/08/17 17:24
S53	286	(shift adj register) near4 target	US-PGPUB; USPAT	AND	ON	2010/08/17 17:24
S54	1	S51 S53	US-PGPUB; USPAT	AND	ON	2010/08/17 17:24
S55	2986	(shift adj register) near4 rate	US-PGPUB; USPAT	AND	ON	2010/08/17 17:25
S56	161	S51 S55	US-PGPUB; USPAT	AND	ON	2010/08/17 17:25
S57	2	S49 S51 S55	US-PGPUB; USPAT	AND	ON	2010/08/17 17:25
S58	3309	number near3 primitive	US-PGPUB; USPAT	AND	ON	2010/08/17 17:27
S59	153	S49 S58	US-PGPUB; USPAT	AND	ON	2010/08/17 17:27
S60	95780	(shift adj register)	US-PGPUB; USPAT	AND	ON	2010/08/17 17:27
S61	7	S59 S60	US-PGPUB; USPAT	AND	ON	2010/08/17 17:27
S62	12	number near3 primitive near3 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:31
S63	14	number near3 primitive near5 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:31
S64	21	number near3 primitive near7 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:31
S65	10	primitive near3 receiv\$3 near3 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:34
S66	4	primitive near3 sent near3 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:35
S67	22	primitive near3 receiv\$3 near5 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:35
S68	287	primitive near5 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:36
S69	33	S49 S68	US-PGPUB; USPAT	AND	ON	2010/08/17 17:36

S70	5	count\$3 near3 primitive near7 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:39
S71	4	consecutive near3 primitive near7 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:40
S72	16	detect\$3 near3 primitive near7 period	US-PGPUB; USPAT	AND	ON	2010/08/17 17:40
S73	11	(US-20050146804-\$ or US- 20040113814-\$ or US- 20030068024-\$ or US- 20020041650-\$ or US- 20040120189-\$).did. or (US-6647444-\$ or US- 6407682-\$ or US-6009488- \$ or US-6687219-\$ or US- 7360010-\$ or US-6502189- \$).did.	US-PGPUB; USPAT	AND	ON	2010/08/18 16:28
S74	6	S73 error	US-PGPUB; USPAT	AND	ON	2010/08/18 16:32
S75	728	check\$3 near3 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:34
S76	50	(check\$3 count\$3) near3 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:35
S77	27829	((Serial adj (ATA or Attached)) or (fibre adj channel))	US-PGPUB; USPAT	AND	ON	2010/08/18 16:36
S78	0	S76 S77	US-PGPUB; USPAT	AND	ON	2010/08/18 16:36
S79	29	S75 S77	US-PGPUB; USPAT	AND	ON	2010/08/18 16:36
S80	5	(noise\$3 count\$3) near3 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:37
S81	7	(noise\$3 count\$3) near7 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:38
S82	7	(nois\$3 count\$3) near7 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:38
S83	47	(error count\$3) near5 primitives	US-PGPUB; USPAT	AND	ON	2010/08/18 16:38
S84	174	(count\$3) near5 primitives (align or alignment)	US-PGPUB; USPAT	AND	ON	2010/08/18 16:44
S85	259	(received) near4 primitives (align or alignment)	US-PGPUB; USPAT	AND	ON	2010/08/18 16:46
S86	201	(received) near4 primitives (align or alignment) error	US-PGPUB; USPAT	AND	ON	2010/08/18 16:46
S87	0	(received) near4 primitives (align or alignment) perod	US-PGPUB; USPAT	AND	ON	2010/08/18 16:46
S88	170	(received) near4 primitives (align or alignment) period	US-PGPUB; USPAT	AND	ON	2010/08/18 16:46

S89	135	(received) near4 primitives (align or alignment) period near2 (time or clock\$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 16:47
S90	235	primitives (align or alignment) target adj (speed or rate)	US-PGPUB; USPAT	AND	ON	2010/08/18 18:40
S91	1	primitives near3 (align or alignment) target adj (speed or rate)	US-PGPUB; USPAT	AND	ON	2010/08/18 18:40
S92	1	S77 S90	US-PGPUB; USPAT	AND	ON	2010/08/18 18:41
S93	224	primitives (align or alignment) target adj (speed or rate) period	US-PGPUB; USPAT	AND	ON	2010/08/18 18:41
S94	223	primitives (align or alignment) target adj (speed or rate) period count\$3	US-PGPUB; USPAT	AND	ON	2010/08/18 18:42
S95	0	primitives (align or alignment) target adj (speed or rate) period near3 count\$3	US-PGPUB; USPAT	AND	ON	2010/08/18 18:42
S96	0	primitives (align or alignment) target adj (speed or rate) period near7 count\$3	US-PGPUB; USPAT	AND	ON	2010/08/18 18:42
S97	0	primitives near3 count\$3 (align or alignment) target adj (speed or rate) period	US-PGPUB; USPAT	AND	ON	2010/08/18 18:42
S98	221	primitives (align or alignment) target adj (speed or rate) period verif \$7	US-PGPUB; USPAT	AND	ON	2010/08/18 18:43
S99	214	primitives (align or alignment) target adj (speed or rate) state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 18:43
S100	207	primitives (align or alignment) target adj (speed or rate) state adj machine shift adj register	US-PGPUB; USPAT	AND	ON	2010/08/18 18:43
S101	207	primitives (align or alignment) target adj (speed or rate) state adj machine shift adj register period near2 (time or clock \$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 18:44

S102	207	primitives (align or alignment) target adj (speed or rate) state adj machine shift adj register period near2 (time or clock \$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 18:44
S103	135	(received) near4 primitives (align or alignment) period near2 (time or clock\$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 18:45
S104	135	(received) near4 primitives (align or alignment) period near2 (time or clock\$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 20:28
S105	120	count\$3 near5 (align or alignment) shift adj register state adj machine verif\$7	US-PGPUB; USPAT	AND	ON	2010/08/18 20:30
S106	27829	((Serial adj (ATA or Attached)) or (fibre adj channel))	US-PGPUB; USPAT	AND	ON	2010/08/18 20:30
S107	2	S105 S106	US-PGPUB; USPAT	AND	ON	2010/08/18 20:30
S108	184	count\$3 near5 (align or alignment) shift adj register state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 20:30
S109	2	S106 S108	US-PGPUB; USPAT	AND	ON	2010/08/18 20:30
S110	201	count\$3 near7 (align or alignment) shift adj register state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 20:31
S111	5	S106 S110	US-PGPUB; USPAT	AND	ON	2010/08/18 20:31
S112	119	count\$3 near5 (align or alignment) shift adj register state adj machine verif\$7 synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/18 20:31
S113	113	count\$3 near5 (align or alignment) shift adj register state adj machine verif\$7 synchroniz\$5 link	US-PGPUB; USPAT	AND	ON	2010/08/18 20:31
S114	7	count\$3 near5 (align or alignment) shift adj register state adj machine synchroniz\$5 near2 link	US-PGPUB; USPAT	AND	ON	2010/08/18 20:32
S115	147	shift adj register state adj machine synchroniz\$5 near3 link	US-PGPUB; USPAT	AND	ON	2010/08/18 20:33
S116	17	S106 S115	US-PGPUB; USPAT	AND	ON	2010/08/18 20:33

S117	16	("20030016630"   "20040047294"   "4486739"   "5193090"   "5604742"   "5771228"   "5878029"   "5943316"   "6016307"   "6098123"   "6141327"   "6144641"   "6151334"   "6233236"   "6345338"   "6370119"). PN.	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/18 20:41
S118	13	S117 count\$3	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/18 20:41
S119	8	S117 count\$3 period	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/18 20:41
S120	0	S117 count\$3 period primitive	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/18 20:42
S121	0	S117 primitive	US-PGPUB; USPAT; USOCR	AND	ON	2010/08/18 20:42
S122	1798	primitives (align or alignment) period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:43
S123	6026	shift adj register state adj machine synchroniz\$5	US-PGPUB; USPAT	AND	ON	2010/08/18 20:43
S124	454	S122 S123	US-PGPUB; USPAT	AND	ON	2010/08/18 20:43
S125	91	S106 S122	US-PGPUB; USPAT	AND	ON	2010/08/18 20:44
S126	6	S106 S122 S123	US-PGPUB; USPAT	AND	ON	2010/08/18 20:44
S127	4319	primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:45
S128	16	S106 S123 S127	US-PGPUB; USPAT	AND	ON	2010/08/18 20:45
S129	9651	shift adj register state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 20:47
S130	6	S125 S129	US-PGPUB; USPAT	AND	ON	2010/08/18 20:47
S131	56	S106 S122 state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 20:47
S132	13923	(align or alignment) near2 signal	US-PGPUB; USPAT	AND	ON	2010/08/18 20:49

S133	259	S106 S132	US-PGPUB; USPAT	AND	ON	2010/08/18 20:49
S134	2063	(align or alignment) near2 signal verif\$7	US-PGPUB; USPAT	AND	ON	2010/08/18 20:49
S135	73	S106 S134	US-PGPUB; USPAT	AND	ON	2010/08/18 20:49
S136	2	(align or alignment) near2 signal with verif\$7 primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 20:50
S137	277	signal with verif\$7 primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:52
S138	122	S129 S137	US-PGPUB; USPAT	AND	ON	2010/08/18 20:52
S139	49	(signal rate) with verif\$7 primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:53
S140	7	(signal speed) with verif\$7 primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:54
S141	0	(signal bandwidth) with verif\$7 primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:54
S142	5	(signal frequency) with verif\$7 primitives period near2 (time or clock\$3) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 20:54
S143	1	"62171248"	JPO	AND	ON	2010/08/18 21:01
S144	2	judg\$3 adj2 line adj speed	JPO	AND	ON	2010/08/18 21:02
S145	9	judg\$3 adj2 line adj speed	US-PGPUB; USPAT	AND	ON	2010/08/18 21:02
S146	3	verif\$7 near3 line adj speed	US-PGPUB; USPAT	AND	ON	2010/08/18 21:02
S147	96	detect\$3 near3 line adj speed	US-PGPUB; USPAT	AND	ON	2010/08/18 21:03
S148	3	detect\$3 near3 line adj speed primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:03
S149	24	detect\$3 near3 line adj speed count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 21:04



S150	4	detect\$3 near3 link adj speed count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 21:04
S151	1739	(detect\$3 or judg\$3 or determin\$3 or verif\$7) near3 (link or line) near2 (speed or rate or frequency or bandwidth) count\$3 near3 number	US-PGPUB; USPAT	AND	ON	2010/08/18 21:07
S152	167	(detect\$3 or judg\$3 or determin\$3 or verif\$7) near3 (link or line) near2 (speed or rate or frequency or bandwidth) count\$3 near3 number primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:07
S153	2	(detect\$3 or judg\$3 or determin\$3 or verif\$7) near3 (link or line) near2 (speed or rate or frequency or bandwidth) count\$3 near3 number near5 primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:08
S154	100	(detect\$3 or judg\$3 or determin\$3 or verif\$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) with primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:10
S155	7	(detect\$3 or judg\$3 or verif \$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) with primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:13
S156	836	(detect\$3 or judg\$3 or verif \$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:13
S157	459	(detect\$3 or judg\$3 or verif \$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) primitive state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 21:14

S158	445	(detect\$3 or judg\$3 or verif\$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) primitive state adj machine period near2 (time or clock\$3)	US-PGPUB; USPAT	AND	ON	2010/08/18 21:14
S159	12	(detect\$3 or judg\$3 or verif\$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) near7 (period near2 (time or clock\$3)) primitive state adj machine	US-PGPUB; USPAT	AND	ON	2010/08/18 21:15
S160	36	(detect\$3 or judg\$3 or verif\$7) near3 (speed or rate or frequency or bandwidth) (count\$3 near3 number) near7 (period near2 (time or clock\$3)) primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:15
S161	0	frame near2 (align or alignment) (count\$3 near3 number) near7 (period near2 (time or clock\$3)) primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:21
S162	63	frame near2 (align or alignment) (count\$3 near3 number) (period near2 (time or clock\$3)) primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:22
S163	1798	(align or alignment) (count\$3 near3 number) (period near2 (time or clock\$3)) primitive	US-PGPUB; USPAT	AND	ON	2010/08/18 21:22
S164	91	S106 S163	US-PGPUB; USPAT	AND	ON	2010/08/18 21:22
S165	7738	370/229-234.ccls.	US-PGPUB; USPAT	AND	ON	2010/08/19 16:40
S166	24835	primitive count\$3	US-PGPUB; USPAT	AND	ON	2010/08/19 16:40
S167	122	S165 S166	US-PGPUB; USPAT	AND	ON	2010/08/19 16:40

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